

**Fig 1. Prior Art: Current Popular Approach to Buffer or Solvent Blending**

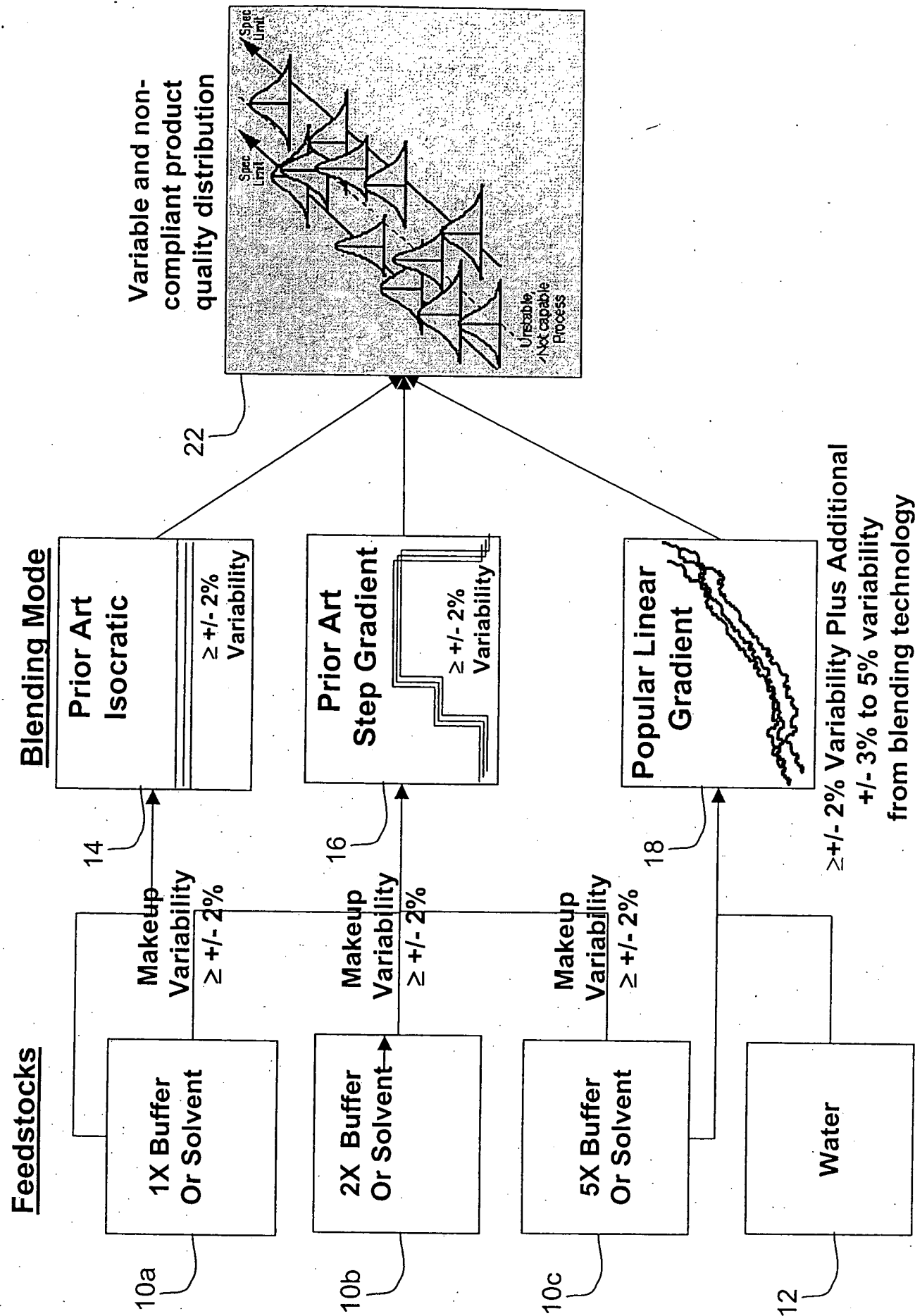
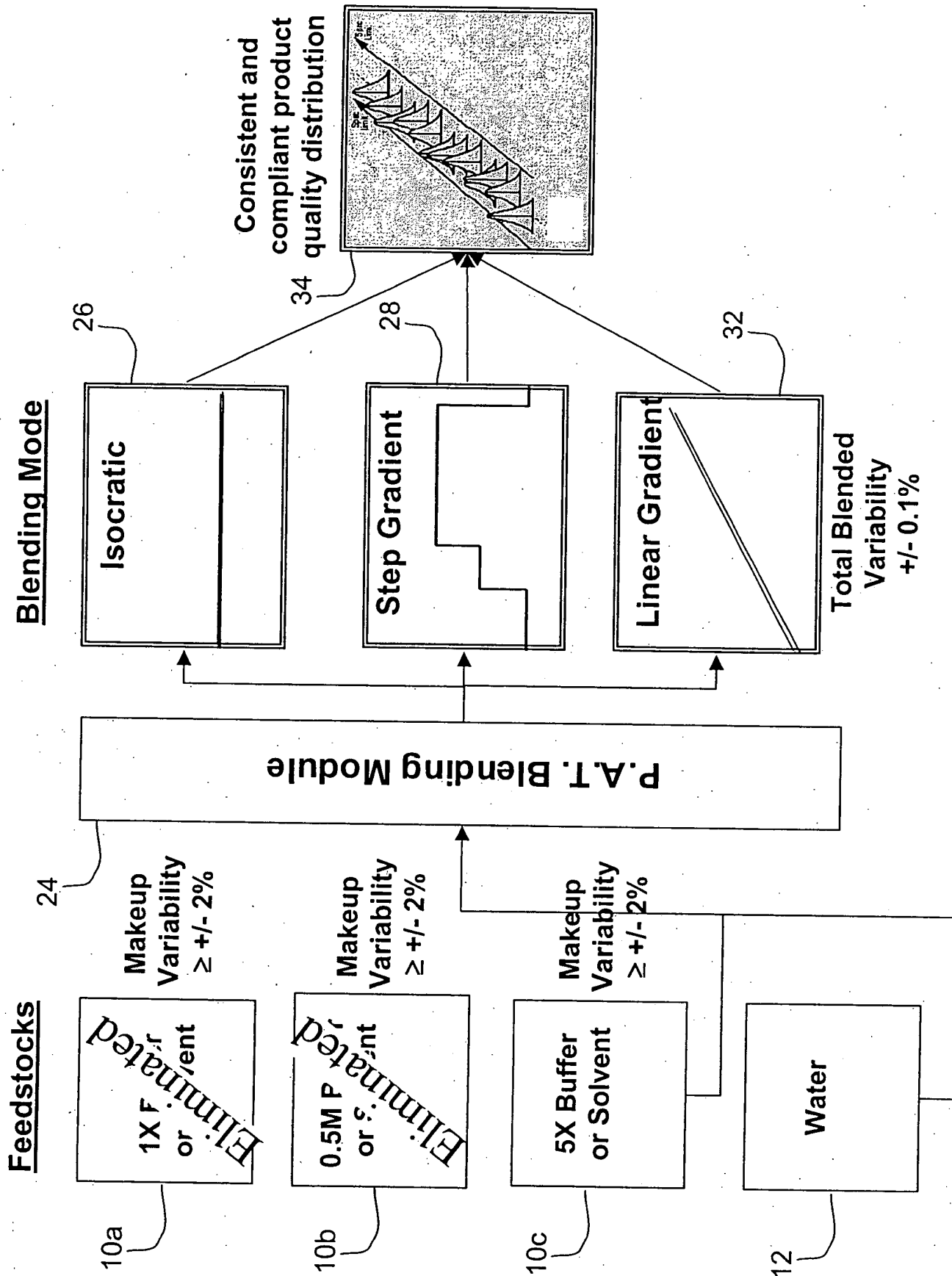
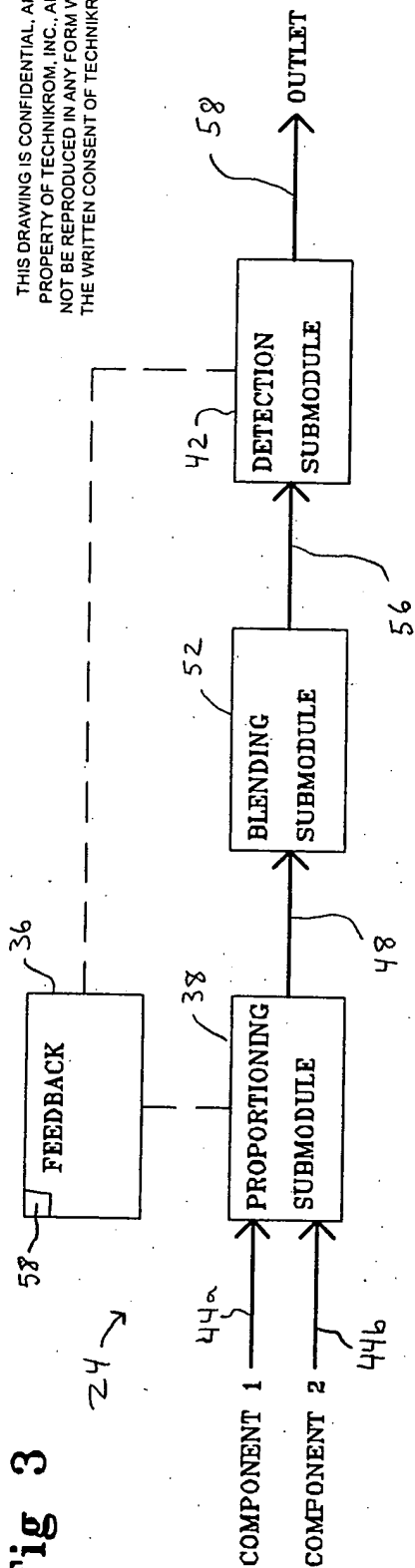


Fig 2

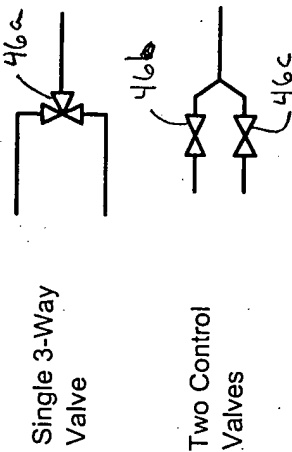


**Fig 3**

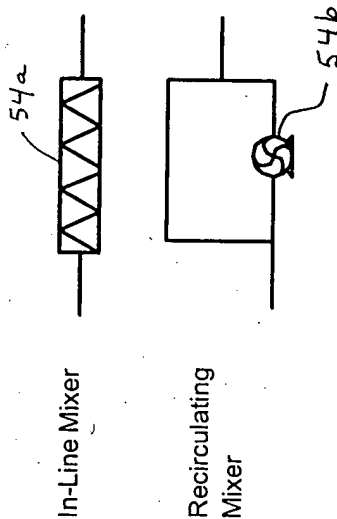


THIS DRAWING IS CONFIDENTIAL, AND THE PROPERTY OF TECHNIKROM, INC., AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF TECHNIKROM, INC.

### Proportioning Submodule Options



### Blending Submodule Options



### Detection Submodule Options

Any ~~Proprietary~~ Sensor  
UV, NIR, pH, Conductivity, Temperature, etc.

### Feedback Mechanisms

A processor interprets electrical output from detection module and provides input to proportioning module in order to maintain setpoint.

Microprocessor, PLC, PC, etc.

# TECHNIKROM

TechniKrom PAT Blending Module

CREATED BY: KS  
CHECKED BY: DMC N2.  
PAT-MODUL-REV/B

REV B

SCALE N/A  
DATE 10/15/03  
SHEET 1 of 1

**Fig. 4**

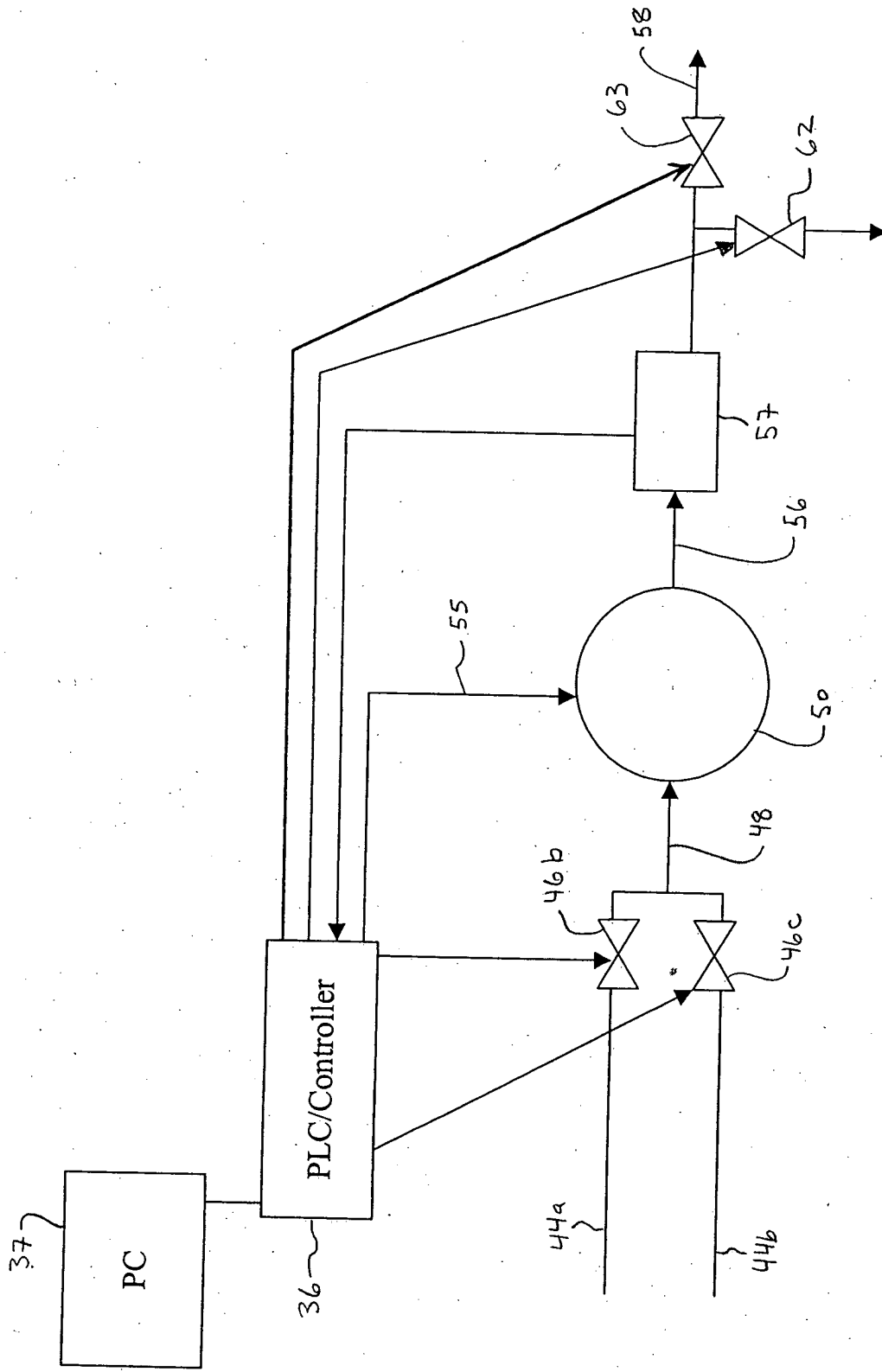


Fig. 5

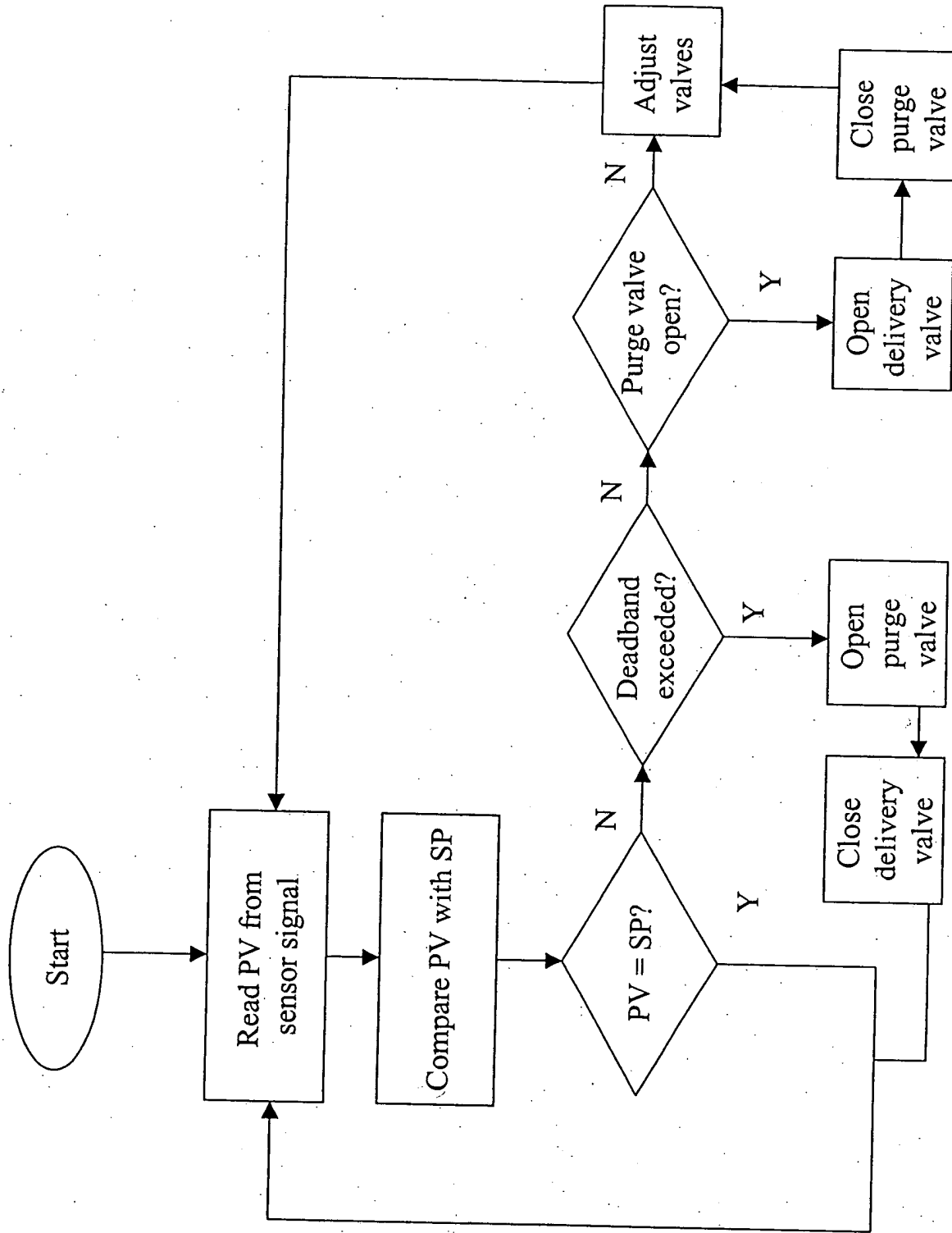
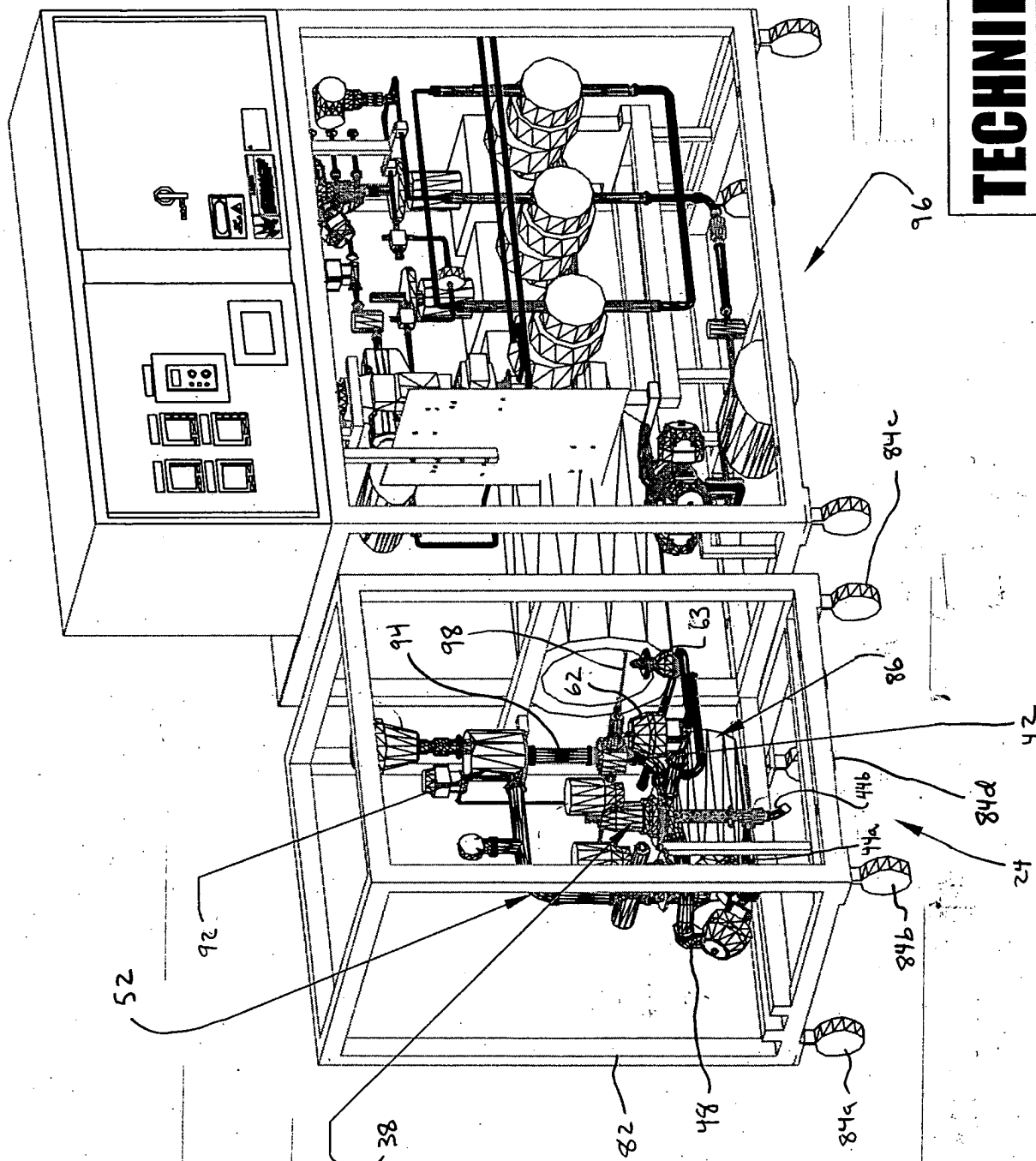


Fig 6



# TECHNIKROM

PAT Blending Module with Existing System

|            |                 |        |
|------------|-----------------|--------|
| CREATED BY | DMC NO.         | REV    |
| 11.41      | 2002.04.30_REV4 | 2      |
| SCALE NTS  | DATE            | SHEET  |
|            | 09/24/03        | 1 of 1 |

This drawing is confidential, and the property of Technikrom, Inc.  
It may not be reproduced in any form, and the information in it may  
not be used in any way, without the written consent of Technikrom, Inc.